






Connecting element for frictional connection of parts






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Abstract of EP0961038

The connector (1), to give a reversible keyed transmission bond between workpieces to increase the friction between them without play, has a thin and spring elastic foil (2), in a thickness of less than or equals 0.2mm, with a residual strength at least equal to the workpieces being locked together. The foil carries particles (3) of a defined size at its surfaces, which have a pressure and shear strength greater than the materials of the joined workpieces. The foil carrier is a cold rolled spring steel strip. The particles are of hard materials such as carbides like SiC, WC and B4C; or nitrides such as Si3N4 and cubic BN; or borides; or SiO2 and Al2O3; or diamonds.

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